

INTERNATIONAL SEARCH REPORT

Inte Application No
PC 1/002004/003242

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C02F1/44

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C02F B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 281 430 A (HERRON JOHN R ET AL) 25 January 1994 (1994-01-25) column 10, line 8 - line 44; figure 3	1-5, 7-13, 17, 21, 22
X	US 3 532 621 A (HOUGH WILLIAM THOMAS) 6 October 1970 (1970-10-06) column 3, line 57 - line 59; figure 1 column 6, line 46 - line 52 column 4, line 35 - line 44 ----- -/-	1-4, 7-9, 11-13, 15-17, 21, 22

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "O" document referring to an oral disclosure, use, exhibition or other means
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- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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Date of the actual completion of the international search

18 October 2004

Date of mailing of the international search report

26/10/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 97/18166 A (OSMOTEK INC) 22 May 1997 (1997-05-22)</p> <p>page 7, line 17 - line 22 page 7, line 29 - page 9, line 16; figures 1,3,6,12,14</p>	<p>1-4, 7-17,19, 21,22</p>
X	<p>US 4 781 837 A (LEFEBVRE MICHEL S M) 1 November 1988 (1988-11-01) the whole document</p>	<p>1-18,21, 22</p>
X	<p>WO 99/39799 A (MCGINNIS ROBERT L) 12 August 1999 (1999-08-12)</p> <p>page 10, line 23 - page 11, line 2 page 19, line 3 - line 6</p>	<p>1-5, 7-19,21, 22</p>

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International Application No
PCT/JP2004/003242

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5281430	A	25-01-1994	AU 5741094 A EP 0683631 A1 WO 9413159 A1	04-07-1994 29-11-1995 23-06-1994
US 3532621	A	06-10-1970	AU 425206 B2 NL 6712789 A AU 2448267 A DE 1642831 A1 FR 1555662 A	19-06-1972 21-03-1969 16-01-1969 29-04-1971 31-01-1969
WO 9718166	A	22-05-1997	AU 7637596 A WO 9718166 A2	05-06-1997 22-05-1997
US 4781837	A	01-11-1988	AR 241451 A1 AT 75159 T AU 587407 B2 AU 5092185 A WO 8603135 A1 BR 8507070 A CA 1290257 C CN 85109400 A ,B DE 3585923 D1 DK 346886 A EP 0207951 A1 ES 8702157 A1 ES 8800063 A1 FI 862987 A GR 852788 A1 IN 166753 A1 JP 62501483 T NZ 214298 A PH 23792 A PT 81537 A ,B ZA 8508921 A	31-07-1992 15-05-1992 17-08-1989 18-06-1986 05-06-1986 14-07-1987 08-10-1991 01-07-1987 27-05-1992 21-07-1986 14-01-1987 16-03-1987 01-01-1988 18-07-1986 21-03-1986 14-07-1990 18-06-1987 27-10-1989 03-11-1989 01-12-1985 30-07-1986
WO 9939799	A	12-08-1999	AU 2584299 A WO 9939799 A1 US 6391205 B1	23-08-1999 12-08-1999 21-05-2002